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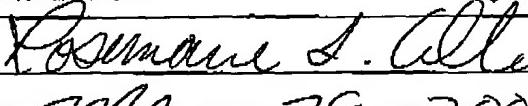
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number 09/724,575 Filing Date November 28, 2000 First Named Inventor Schenk, Dale B. Art Unit 1647 Examiner Name Christopher J. Nichols
Total Number of Pages in This Submission	23	Attorney Docket Number 015270-005912US

ENCLOSURES (Check all that apply)

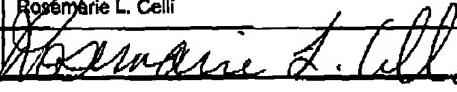
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Sheet 2 of 10

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Application Number	09/724,575
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	015270-005912US

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁴ (if more than one)				
GS	351	WO	02/34878	A2	05-02-2002			
	352	WO	02/34777	A1	05-02-2002			
	343	EP	1 172 378	A1	01-16-2002			
	344	WO	01/90182	A2	11-29-2001			
	348	WO	01/77167	A2	10-18-2001			
	294	WO	01/62801	A2	08-30-2001			
	298	WO	01/42306	A2	06-14-2001			
	243	WO	01/39796	A2	06-07-2001			
	341	WO	02/03911	A2	04-07-2001			
	322	WO	00/72880	A2, A3	12-07-2000			
	323	WO	00/72876	A2, A3	12-07-2000			
	324	WO	00/72870	A1	12-07-2000			
	240	WO	00/43039	A1	07-27-2000			
	301	WO	01/62284	A2	03-01-2000			
	331	WO	99/06545	A2	11-02-1999			
	227	WO	95/11008	A2	04-27-1995			

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G. Schenck

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Sheet 3 of 10

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols
Attorney Docket Number	015270-005812US

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials * <i>CSN</i>	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <i>J. Mol.Biol.</i> , 225(4): 1075-1093 (1992).	1
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," <i>Reuters</i> , April 20, 2001 7:56 PM ET.	1
	327	CAMERON, "Recent Advances In Transgenic Technology," <i>Molecular Biotechnology</i> , 7:263-265 (1997).	1
	285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <i>Clin. Neuropharm.</i> , 15:414A-414B (1992).	1
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	266	CHAPMAN, PAUL F., "Model behavior," <i>Nature</i> , 406:915-916 (2000).	1
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	332	CHEN et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V→F transgenic mice," <i>Progress in Brain Research</i> , Van Leeuwen et al. Eds, 117:327-337 (1998).	1
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	291	COLOMA et al., "Transport Across the Primate Blood-Brain Barrier of a Genetically Engineered Chimeric Monoclonal Antibody to the Human Insulin Receptor," <i>Pharm. Res.</i> , 17:266-274 (2000).	1
<i>CSN</i>	333	CONWAY et al., "Acceleration of oligomerization, not fibrillization, is a shared property of both α -synuclein mutations linked to early-onset Parkinson's disease: Implications for pathogenesis and therapy." <i>PNAS</i> , 97(2):571-576 (2000)	1

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Christopher J. Nichols

Attorney Docket Number 015270-005912US

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CD	286	CORDELL, B., " β -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <i>Ann. Rev. Pharmacol. Toxicol.</i> , 34:69-89 (1994).
	287	COSTA et al., "Immunoassay for transthyretin variants associated with amyloid neuropathy," <i>Scand. J. Immunol.</i> , 38:177-182 (1993).
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	246	FRENKEL et al., "Generation of auto-antibodies towards Alzheimer's disease vaccination," <i>Vaccine</i> , 19:2615-2619 (2001).
CD	245	FRENKEL et al., "High affinity binding of monoclonal antibodies to the sequential epitope EFRH of β -amyloid peptide is essential for modulation of fibrillar aggregation," <i>J. of Neuroimmunology</i> , 95:136-142 (1999).
CD	247	FRENKEL et al., "Immunization against Alzheimer's β -amyloid plaques via EFRH phage administration," <i>PNAS USA</i> , 97:11455-11459 (2000).

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Sheet	5	of	10	First Named Inventor	Dale B. Schenk
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
				Attorney Docket Number	015270-005912US

248	FRENKEL et al., "N-terminal EFRH sequence of Alzheimer's β -amyloid peptide represents the epitope of its anti-aggregating antibodies," <i>J. of Neuroimmunology</i> , 88:85-90 (1998).
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Sheet	6	of	10	First Named Inventor	Dale B. Schenk
				Art Unit	1847
				Examiner Name	Christopher J. Nichols
				Attorney Docket Number	015270-005912US

<i>CS</i>	256	IKEDA, et al., "Immunogold labeling of cerebrovascular and neuritic plaque amyloid fibrils in Alzheimer's disease with an anti- β protein monoclonal antibody," <i>Lab. Invest.</i> , 57:446-449 (1987).	—
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<i>A</i>	335	MASLIAH et al., " β -Amyloid peptides enhance α -synuclein accumulation and neuronal deficits in a transgenic mouse model linking Alzheimer's disease and Parkinson's disease," <i>PNAS</i> , 98(21):12245-12250 (2001).	—
<i>CS</i>	309	MATTSON, Cellular actions of beta-amyloid precursor protein and its soluble and fibrillogenic derivatives. <i>Physiol Rev.</i> 77(4):1081-132 (1997).	—

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<i>CJN</i>	264	MCGEER, et al., "Immunohistochemical localization of beta-amyloid precursor protein sequences in Alzheimer and normal brain tissue by light and electron microscopy," <i>J. of Neuroscience Res.</i> , 31:428-442 (1992).	—
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	281	NAKAYAMA et al., "Histopathological studies of senile plaques and cerebral amyloidosis in cynomolgus monkeys," <i>J. of Med. Primatology</i> , 27:244-252 (1998).	
	235	NEWCOMBE and COHEN, "Solubility characteristics of isolated amyloid fibrils," <i>Biochim. Biophys. Acta</i> , 104:480-486 (1965).	
	329	NIEMANN, "Transgenic farm animals get off the ground;" <i>Transgenic Research</i> 7:73-75 (1998).	

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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/724,575
(use as many sheets as necessary)				Filing Date	November 28, 2000
Sheet	8	of	10	First Named Inventor	Dale B. Schenk
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
				Attorney Docket Number	015270-005912US

<i>copy</i>	280	PARDRIDGE et al., "Chimeric peptides as a vehicle for peptide pharmaceutical delivery through the blood-brain barrier," <u>Biochem. Biophys. Res. Comm.</u> , 146:307-313 (1987).	<i>PRINT</i>
	336	PERUTZ et al., "Amyloid fibers are water-filled nanotubes," <u>PNAS</u> , 99(8):5591-5595 (2002).	<i>PRINT</i>
	232	PETERSON, et al., "Recombinant Antibodies: Alternative Strategies for Developing and Manipulating Murine-Derived Monoclonal Antibodies," <u>Laboratory Animal Science</u> , 46(1):B-14 (1996).	<i>PRINT</i>
	269	PHILIPPE, et al. "Generation of a monoclonal antibody to the carboxy-terminal domain of tau by immunization with the amino-terminal domain of the amyloid precursor protein," <u>J. of Neuroscience Res.</u> , 46:709-719 (1996).	<i>PRINT</i>
	884	RAGO, V.A., Grant application #4 R43 AG1-5746-04 (non-redacted version), "Immunotherapy of Alzheimer's Disease" (publication date unknown).	<i>PRINT</i>
	279	SAITO et al., "Vector-mediated delivery of ¹²⁵ I-labeled β-amyloid peptide Ab ¹⁻⁴⁰ through the blood-brain barrier and binding to Alzheimer disease amyloid of the Ab ¹⁻⁴⁰ vector complex," <u>PNAS USA</u> , 92:10227-10231 (1995).	<i>PRINT</i>
	278	SAITO, N. and K. IMAI, "Immunological analysis of Alzheimer's disease using anti-β-protein monoclonal antibodies," <u>Sapporo Med. J.</u> , 60:309-320 (1991).	<i>PRINT</i>
	277	SASAKI et al., "Human choroid plexus is an uniquely involved area of the brain in amyloidosis: a histochemical, immunohistochemical and ultrastructural study," <u>Brain Res.</u> , 755:193-201 (1997).	<i>PRINT</i>
	312	SCHENK, et al. Immunotherapy with beta-amyloid for Alzheimer's disease: a new frontier. <u>DNA Cell Biol.</u> 20(11):679-81 (2001).	<i>PRINT</i>
	270	SCHENK, et al., "β-peptide immunization." <u>Arch. Neurol.</u> , 57:934-938 (2000).	<i>PRINT</i>
	313	SELKOE, The cell biology of beta-amyloid precursor protein and presenilin in Alzheimer's disease. <u>Trends Cell Biol.</u> 8(11):447-53 (1998).	<i>PRINT</i>
	330	SIGMUND, "Viewpoint: Are Studies in Genetically Altered Mice Out of Control," <u>Arterioscler Thromb Vasc Biol.</u> , 20:1425-1429 (2000).	<i>PRINT</i>
	314	SIGURDSSON, et al. In vivo reversal of amyloid-beta lesions in rat brain. <u>J Neuropathol Exp Neurol.</u> 59(1):11-17 (2000).	<i>PRINT</i>
<i>copy</i>	315	SINHA, et al. Recent advances in the understanding of the processing of APP to beta amyloid peptide. <u>Ann N Y Acad Sci.</u> 920:206-B (2000).	<i>PRINT</i>

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Sheet	9	of	10
		Attorney Docket Number	015270-005912US

<i>CD</i>	337	SKOLNICK and FETROW, "From genes to protein structure and function: novel applications of computational approaches in the genomic era," <i>Trends in Biotech.</i> , 18(1):34-39 (2000).	<i>CD</i>
<i>CD</i>	319	SMALL, et al. Alzheimer's disease and Abeta toxicity: from top to bottom. <i>Nat Rev Neurosci.</i> 2(6):595-8 (2001).	<i>CD</i>
<i>CD</i>	316	SOTO, et al. Beta sheet breaker peptides inhibit fibrillogenesis in a rat brain model of amyloidosis: implications for Alzheimer's therapy. <i>Nat Med.</i> 4(7):822-8 (1998).	<i>CD</i>
<i>CD</i>	271	ST. GEORGE-HYSLOP, PETER H. and DAVID A. WESTAWAY, "Antibody clears senile plaques," <i>Nature</i> , 40:116-117 (1999).	<i>CD</i>
<i>CD</i>	338	STEIN and JOHNSON, "Lack of Neurodegeneration in Transgenic Mice Overexpressing Mutant Amyloid Precursor Protein Is Associated with Increased Levels of Transthyretin and Activation of Cell Survival Pathways," <i>The Journal of Neuroscience</i> , 22(17):7380-7388 (September 1, 2002).	<i>CD</i>
<i>CD</i>	272	SZENDREI, et al., "The effects of aspartic acid-bond isomerization on in vitro properties of the amyloid β -peptide as modeled with N-terminal decapeptide fragments," <i>Int. J. Peptide Protein Res.</i> , 47:289-296 (1996).	<i>CD</i>
<i>CD</i>	339	TENNENT et al., "Serum amyloid P component prevents proteolysis of the amyloid fibrils of Alzheimer's disease and systemic amyloidosis," <i>PNAS</i> , 92:4299-4303 (1995).	<i>CD</i>
<i>CD</i>	273	THORSETT, E.D. and L.H. LATIMER, "Therapeutic approaches to Alzheimer's disease," <i>Curr. Op. in Chem. Biology</i> , 4:377-382 (2000).	<i>CD</i>
<i>CD</i>	276	TJERNBERG et al., "Arrest of β -amyloid fibril formation by a pentapeptide ligand," <i>Journal of Biological Chemistry</i> , 271:8545-8548 (1996).	<i>CD</i>
<i>CD</i>	317	VEHMAS, et al. beta-Amyloid peptide vaccination results in marked changes in serum and brain Abeta levels in APPswe/PS1 DeltaE9 mice, as detected by SELDI-TOF-based ProteinChip® technology. <i>DNA Cell Biol.</i> (11):713-21 (2001).	<i>CD</i>
<i>CD</i>	274	WEINER et al., "Nasal administration of amyloid- β peptide decreases cerebral amyloid burden in a mouse model of Alzheimer's disease," <i>Annals of Neurology</i> , 48:567-579 (2000).	<i>CD</i>
<i>CD</i>	228	WISCONSIN ALUMNI RESEARCH FOUNDATION, "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologicals". U.S. Govt. Res. Develop. Rep., 70(24), 50. (Publication date unknown.)	<i>CD</i>
<i>CD</i>	275	WU, et al., "Drug targeting of a peptide radiopharmaceutical through the primate blood-brain barrier in vivo with a monoclonal antibody to the human insulin receptor," <i>J. Clin. Invest.</i> , 100:1804-1812 (1997).	<i>CD</i>

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Attorney Docket Number 015270-005912US

<i>CG</i>	292	YAMAGUCHI et al., Diffuse plaques associated with astroglial amyloid β protein, possibly showing a disappearing stage of senile plaques." <i>Acta Neuropathol.</i> , 95:217-222 (1998).	<u> </u>
<i>CG</i>	290	YOUNKIN, "Amyloid β vaccination: reduced plaques and improved cognition." <i>Nature Medicine</i> , 7:18-19 (2001).	<u> </u>

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